

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appl. No. : 10/568077 : Confirmation No.: 7442  
Applicant : Robert J. Small, et al.  
Filed : 3 August 2007  
For : Periodic Acid Compositions for Polishing Ruthenium/Low K Substrates

Art Unit : 1755  
Examiner :

Docket No. : 07334PZP USA  
Customer No. : 23543

<input type="checkbox"/> <b>CERTIFICATE OF FACSIMILE TRANSMISSION</b>  I CERTIFY THAT THIS PAPER IS BEING FACSIMILE TRANSMITTED TO THE PATENT AND TRADEMARK OFFICE ON THE DATE SHOWN BELOW.  _____ PTO Fax No.	<input type="checkbox"/> <b>CERTIFICATE OF MAILING</b>  I CERTIFY THAT THIS PAPER (ALONG WITH ANY PAPER REFERRED TO AS BEING ATTACHED OR ENCLOSED) IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE WITH SUFFICIENT POSTAGE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO:  COMMISSIONER FOR PATENTS P.O. BOX 1450 ALEXANDRIA, VA 22313-1450	<input checked="" type="checkbox"/> <b>CERTIFICATE OF ELECTRONIC FILING TRANSMISSION</b>  I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING ELECTRONICALLY TRANSMITTED TO THE UNITED STATES PATENT AND TRADEMARK OFFICE ON THE DATE SHOWN BELOW.
<u>Geoffrey L. Chase</u> Type or print name of person submitting paper		
<u>/Geoffrey L. Chase/</u> Signature of person submitting paper		<u>28 June 2010</u> Date

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REVOCATION OF ORIGINAL POWER OF ATTORNEY  
AND GRANT OF NEW POWER OF ATTORNEY**

Sir:

Assignee, DuPont Air Products NanoMaterials LLC, hereby revokes the previous Power of Attorney in the above U.S. application serial number, as also shown below, and hereby grants in respect of said application, power of attorney to Air Products and Chemicals, Inc. Included is the Customer Number provided below to prosecute said application and to transact all business in the Patent and Trademark Office connected therewith. Assignee further directs that all correspondence be addressed to the Customer Number given below:

**Customer Number 23543**

Appl. No. 10/568077

Please direct all telephone inquiries to:

Geoffrey L. Chase  
Air Products and Chemicals, Inc.  
7201 Hamilton Boulevard  
Allentown, PA 18195-1501  
Telephone: (610) 481-7265  
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Certificate Under 37 C.F.R. 3.73(b)

The undersigned, Geoffrey L. Chase, holds the position of Assistant Secretary, DuPont Air Products NanoMaterials LLC, and is empowered to act on its behalf in this matter. The undersigned hereby certifies that Assignee has the entire right, title and interest in the patent application identified above by virtue of an assignment from EKC Technology, Inc., recorded at reel / frame 016700/0301, on 23 August 2005.

DuPont Air Products NanoMaterials LLC

Signature: /Geoffrey L. Chase/  
Typed Name: Geoffrey L. Chase, Assistant Secretary  
Address: DuPont Air Products NanoMaterials LLC  
7201 Hamilton Boulevard  
Allentown, PA 18195-1501

Date: 28 June 2010